

Access DB# 122878 ✓

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dwayne Bos Examiner #: 68951 Date: 5/24/04
Art Unit: 2600 Phone Number 30: _____ Serial Number: 101802118
Mail Box Location: PK2 Y A37 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

US 5,923,450

STAFF USE ONLY

Searcher: KEJ
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Searcher Location: _____
Date Searcher Picked Up: 5/24/04
Date Completed: 5/24/04
Searcher Prep & Review Time: _____
Clerical Prep Time: _____
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Type of Search


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Structure (#) _____
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Litigation X
Fulltext _____
Patent Family _____
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Questel/Orbit
Dr. Link _____
Lexis/Nexis
Sequence Systems _____
WWW/Internet _____
Other (specify) _____

Query/Command : prt max legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN -  US5923450 A 19990713 [US5923450]
TI - (A) Optical channel regulator and method
PA - (A) ALCATEL NETWORK SYST (US)
PA0 - Alcatel Network Systems, Inc.
IN - (A) DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)
AP - US16422498 19980930 [1998US-0164224]
PR - US16422498 19980930 [1998US-0164224]
IC - (A) H04J-014/02
EC - H04B-010/17B1
H04B-010/18E
PCL - ORIGINAL (O) : 398095000; CROSS-REFERENCE (X) : 385140000
398082000 398094000
DT - Basic
CT - US5392154; US5557439; US5815299; EP0637148 A1; EP0762677 A2;
GB2294170
STG - (A) United States patent
AB - An optical channel regulator (46) is provided. The optical channel regulator (46) includes a tapped optical coupler (60) receiving an optical line carrying an optical signal. The tapped optical coupler (60) provides substantially all of the optical signal as an output. An electrically variable optical attenuator (64) receives the output of the tapped optical coupler (60) and attenuates the optical signal responsive to a feedback control signal. A second tapped optical coupler (66) receives an output of the attenuator (64). The second coupler (66) provides substantially all of the received optical signal as an output and provides a remaining portion of the optical signal as a tapped output. An optical detector (68) then receives the tapped output and provides an output signal representing the optical signal. A comparator (70) receives the output signal of the optical detector (68) and a reference signal. The comparator (70) compares the output signal and the reference signal and provides the feedback control signal to the attenuator (64) responsive to the comparison. As part of a multi-channel communication system, the regulator is used to adjust the levels of each channel for automatically maintaining channel balance and equalization.

1 / 1 CRXX - ©CLAIMS/RRX

PN -  5,923,450 A 19990713 [US5923450]
PA - Alcatel Network Systems Inc
ACT -
20040309 REASSIGNED
ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: ALCATEL NETWORK SYSTEMS, INC., DATE SIGNED:
03/09/2004

Assignee: ALCATEL, 54, RUE LA BOETIE, PARIS, FRANCE, 75008

Reel 014409/Frame 0132

Contact: ALCATEL, JESSICA W. SMITH, 3400 W. PLANO PARKWAY, MS
LEGL2, INTELLECTUAL PROPERTY DEPARTMENT, PLANO, TX 75075

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5923450

<=1> GET 1st DRAWING SHEET OF 3

July 13, 1999

Optical channel regulator and method

APPL-NO: 164224 (09)

FILED-DATE: September 30, 1998

GRANTED-DATE: July 13, 1999

CORE TERMS: optical, channel, attenuator, amplifier, regulator, tapped, microprocessor, multiplexer, detector, coupler ...

LEXIS-NEXIS
Library: PATENT
File: ALL

5,923,450 OR 5923450⁷

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

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For further explanation, press the H key (for HELP) and then the ENTER key.

5,923,450 OR 5923450 7

LEXIS-NEXIS
Library: PATENT
File: JNLS

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LEVEL 1 - 1 OF 1 STORY

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LEXIS-NEXIS
Library: NEWS
File: CURNWS

January 29, 2004

SECTION: Ja 29'04

CBCA-ACC-NO: 5923450

LENGTH: 244 words

HEADLINE: N.B. man given three-year prison term after boy and mother injured in
fire

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S1 1 PN=US 5923450
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1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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Basic Patent (No,Kind,Date): US 5923450 A 19990713 <No. of Patents: 002>

Patent Family:

| Patent No | Kind | Date | Applic No | Kind | Date | |
|------------|------|----------|-----------|------|----------|---------|
| US 5923450 | A | 19990713 | US 164224 | A | 19980930 | (BASIC) |
| US 6157475 | A | 20001205 | US 212972 | A | 19981216 | |

Priority Data (No,Kind,Date):

US 164224 A 19980930
US 212972 A 19981216
US 164224 A1 19980930

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5923450 A 19990713
OPTICAL CHANNEL REGULATOR AND METHOD (English)
Patent Assignee: ALCATEL NETWORK SYST (US)
Author (Inventor): DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)
Priority (No,Kind,Date): US 164224 A 19980930
Applic (No,Kind,Date): US 164224 A 19980930
National Class: * 359127000; 359161000; 359187000; 385140000
IPC: * H04J-014/02
Derwent WPI Acc No: * G 99-467633; G 99-467633
Language of Document: English
Patent (No,Kind,Date): US 6157475 A 20001205
OPTICAL CHANNEL REGULATOR AND METHOD (English)
Patent Assignee: CIT ALCATEL (US)
Author (Inventor): DUGAN J MICHAEL (US); MAXHAM KENNETH Y (US)
Priority (No,Kind,Date): US 212972 A 19981216; US 164224 A1 19980930
Applic (No,Kind,Date): US 212972 A 19981216
National Class: * 359110000; 359124000; 359187000; 385140000
IPC: * H04B-010/08
Derwent WPI Acc No: ; G 01-217446
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

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|------------|---|----------|-----------------------|---------------------------|
| US 5923450 | P | 19980930 | US AE | APPLICATION DATA (PATENT) |
| | | | (APPL. DATA (PATENT)) | |
| | | | US 164224 A | 19980930 |
| US 5923450 | P | 19990713 | US A | PATENT |
| US 6157475 | P | 19980930 | US AA | PRIORITY |
| | | | US 164224 A1 | 19980930 |
| US 6157475 | P | 19981216 | US AE | APPLICATION DATA (PATENT) |
| | | | (APPL. DATA (PATENT)) | |
| | | | US 212972 A | 19981216 |
| US 6157475 | P | 20001205 | US A | PATENT |